

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 13543-003001	Application No. 09/973,186
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Gregory Jantsch	
(37 CFR §1.98(b))		Filing Date October 9, 2001	Group Art Unit 2876

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
AK	AA	3,668,398	6/6/1972	Doering	250	83.3D	12/26/1968
	AB	4,009,379	2/22/1977	Musch	235	156	12/16/1974
	AC	4,055,341	10/25/1977	Martinez	273	86	8/13/1976
	AD	4,095,159	6/13/1978	Tirelli	318	605	12/9/1975
	AE	4,154,437	5/15/1979	Butcheck et al.	271	6	7/15/1977
	AF	4,420,747	12/13/1983	Kistner	340	674	10/6/1980
	AG	4,462,587	7/31/1984	Graef et al.	271	263	10/5/1981
	AH	4,550,252	10/29/1985	Tee	250	223R	7/6/1982
	AI	4,559,452	12/17/1985	Igaki et al.	250	560	5/27/1983
	AJ	4,672,750	6/16/1987	Storace et al.	33	199R	7/31/1986
	AK	4,700,368	10/13/1987	Munn et al.	377	8	12/18/1985
	AL	4,715,007	12/22/1987	Fujita et al.	364	563	2/5/1985
	AM	4,753,433	6/28/1988	Rodi et al.	271	263	4/17/1987
	AN	4,836,528	6/6/1989	Geiser	271	263	9/23/1987
	AO	4,879,513	11/7/1989	Spiegel et al.	324	207	2/19/1988
	AP	5,011,128	4/30/1991	Tsuji	271	263	4/25/1989
	AQ	5,075,622	12/24/1991	Konii et al.	324	229	10/9/1990
	AR	5,207,788	5/4/1993	Geib et al.	271	122	8/13/1992
	AS	5,701,178	12/23/1997	Burns et al.	356	371	7/5/1994
	AT	5,704,607	1/6/1998	Brotherston	271	96	5/16/1996
	AU	5,712,804	1/27/1998	Elbling	364	563	1/19/1996
	AV	5,971,392	10/26/1999	Lee	271	265.02	9/2/1997
	AW	6,329,813	12/11/2001	Andermo	324	207.17	12/17/1998
	AX	4,398,711	8/16/1983	Horst et al.	271	263	8/7/1981
	AY	5,183,999	2/2/1993	Hakenewerth et al.	235	379	12/20/1991
	AZ	5,577,720	11/26/1996	Laskowski	271	265.04	4/4/1995
AK	AAA	5,967,364	10/19/1999	Swanson et al.	221	6	11/11/1997

Examiner Signature <i>Anshik Kim</i>	Date Considered <i>10-12-04</i>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Sheet 2 of 2

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
AK	ABB	4,664,369	5/12/1987	Graef et al.	271	263	10/1/1985
AK	ACC	4,577,779	3/25/1986	Atalla	221	1	1/3/1984
AK	ADD	6,237,847	5/29/2001	Milne	235	379	5/5/1999

Foreign Patent Documents or Published Foreign Patent Applications							
Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
						Yes	No
AK	AEE	GB 1 344 986	1/23/1974	United Kingdom		X	
	AFF	GB 1 497 181	1/05/1978	United Kingdom		X	
	AGG	DE 29 16 096	10/31/1979	Germany		X (English Abstract)	
	AHH	WO 82/01698	5/27/1982	WIPO		X	
	AII	EP 0 064 523	11/17/1983	Europe		X	
	AJJ	EP 0 170 341	2/05/1986	Europe		X	
	AKK	EP 0 280 147	8/31/1988	Europe		X	
	ALL	EP 0 344 938	12/06/1989	Europe		X	
	AMM	GB 2 218 524	11/15/1989	United Kingdom		X	
	ANN	EP 0 690 288	1/03/1996	Europe		X	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
AK	AOO	Hadley, L. et al., "A Microprocessor-Based Servo-Loop for Linear Position Control", <i>Electro, Conference Record</i> , pp. 1-8 May, 1982.
	APP	Kimura, M. et al., "A Method for Obtaining A Local Density Variation in a Sheet", <i>SEN-I GAKKAISHI</i> , Vol. 41, No. 7, pp. 104-108, January, 1985.
	AQQ	Yassa, FF. et al., "A Multichannel Digital Demodulator for LVDT/RVDT Position Sensors", <i>IEEE Journal of Solid-State Circuits</i> , Vol. 25, No. 2, pp. 441-450, April, 1990.
	ARR	http://www.efunda.com/designstandards/sensors/lvdt/lvdt_theory.cfm?search_string=LVDT
AK	ASS	http://web.archive.org/web/2001042104281/www.sensorland.com/HowPage006.html

Examiner Signature Ashish Kim	Date Considered 10-12-04
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	AB	5,183,999	02/02/1993	Hakenewerth et al.	235	379	
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	AE						
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	AL							
	AM							
	AN							
	AO							
	AP							

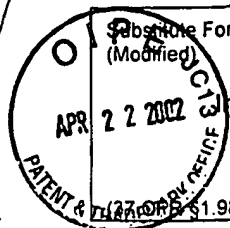
Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature <i>Ahshik Kim</i>	Date Considered <i>10-12-04</i>
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Sheet 1 of 2



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Application No.
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Applicant
Gregory Jantsch

Filing Date
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Group Art Unit

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	AK	4,700,368	10/13/1987	Munn et al.			
	AL	4,715,007	12/22/1987	Fujita et al.			
	AM	4,753,433	06/28/1988	Rodi et al.			
	AN	4,836,528	06/06/1989	Geiser			
	AO	4,879,513	11/07/1989	Spiegel et al.			
	AP	5,011,128	04/30/1991	Tsuji			
	AQ	5,075,622	12/24/1991	Konii et al.			
	AR	5,701,178	12/23/1997	Burns et al.			
	AS	5,712,804	01/27/1998	Elbling			
	AT	5,971,392	10/26/1999	Lee			
AK	AU	6,329,813	12/11/2001	Andermo			

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	AW	GB 1 497 181	01/05/1978	United Kingdom				
AK	AX	DE 29 16 096	10/31/1979	Germany				

Examiner Signature

Abshrik Kim

Date Considered

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Substitute Disclosure Form (PTO-1449)

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(37 CFR §1.98(b))

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AR	AY	WO 82/01698	05/27/1982	WIPO				
	AZ	EP 0 064 523	11/17/1982	Europe				
	AAA	EP 0 170 341	02/05/1986	Europe				
	ABB	EP 0 280 147	08/31/1988	Europe				
	ACC	EP 0 344 938	12/06/1989	Europe				
	ADD	GB 2 218 524	11/15/1989	United Kingdom				
AK	AEE	EP 0 690 288	01/03/1996	Europe				

Other Documents (include Author, Title, Date, and Place of Publication)

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AR	AFF	EFUNDA., "Theory of Linear Variable Differential Transformer (LVDT)", http://www.efunda.com/DesignStandards/sensor/lvdt_theory.cfm ; pp. 1-3, printed January, 2002.
	AGG	DE LA RUE., Example-User Manual, pp. 2-5, August, 1991.
	AHH	Hadley, L. et al., "A Microprocessor-Based Servo-Loop for Linear Position Control", <i>Electro, Conference Record</i> , pp. 1-8 May, 1982.
	AII	html "How Sensors Work-LVDT Displacement Transducer", http://www.sensorland.com/HowPage006.html ; pp. 1-5, printed January, 2002.
	AJJ	Kimura, M. et al., "A Method for Obtaining A Local Density Variation in A Sheet", <i>SEN-I GAKKAISHI</i> , Vol. 41, No. 7, pp. 104-108, January, 1985.
	AKK	Kimura, M. et al., "Method for Measurement of Paper Thickness using Linear Variable Differential Transducer", <i>Faculty of Agriculture, University of Tokyo</i> , pp. 49-54, 1984.
	ALL	Lucas-VARITY, "R600D RVIT, DC-Operated Rotary Variable Inductance Transducer", www.schaevitz.com , pp. 120-121
	AMM	Lucas-VARITY, "New Schaevitz™ RVIT-Z, Low Profile Design for OEM Application", www.schaevitz.com , pp. 124-125.
	ANN	National Instruments Corporation, "LVDT", http://zone.ni.com/devzone/nidzgloss.nsf/webmain
	AOO	SHAEVITZ, "R-Flex™ Multipurpose Coupling", www.schaevitz.com
	APP	Sylvan, J., "Hibrid Interface for LVDTs", <i>Machine Design</i> , pp. 129-132, October, 1984.
AK	AQQ	Yassa, FF. et al., "A Multichannel Digital Demodulator for LVDT/RVDT Position Sensors", <i>IEEE Journal of Solid-State Circuits</i> , Vol. 25, No. 2, pp. 441-450, April, 1990.

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